



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 6

Test Date: March 2009
Code: 11981481
SAU: MSAD 04
School: Piscataquis Community Middle S

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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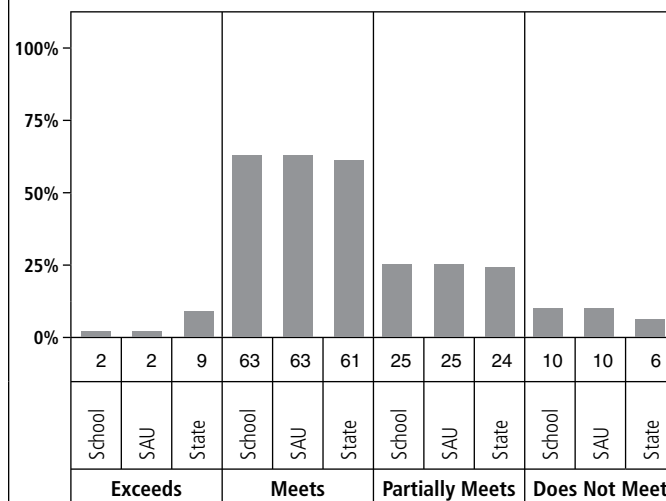
SUMMARY OF SCORES

Test Date: March 2009
Grade: 6
SAU: MSAD 04
School: Piscataquis Community Middle S

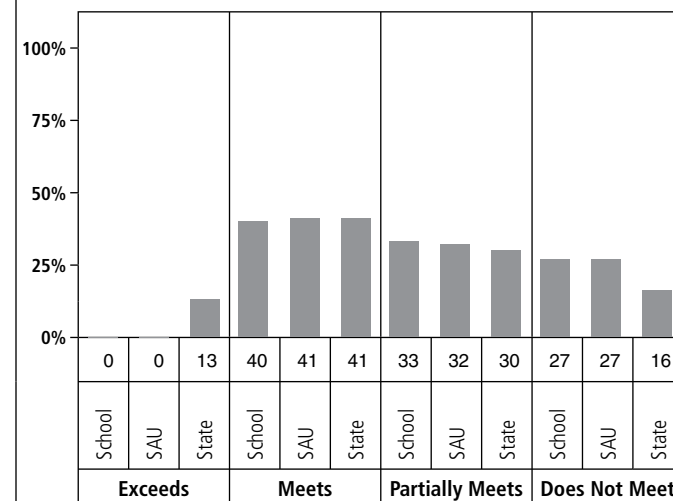
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	641	641	646
2007–2008	645	645	648
2008–2009	644	644	647
Cum. Avg.*	643	643	647
Mathematics			
2006–2007	637	637	643
2007–2008	638	638	642
2008–2009	636	636	643
Cum. Avg.*	637	637	643

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 6
SAU: MSAD 04
School: Piscataquis Community Middle S

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	60	100	59	100	14251	100	60	100	59	100	14150	99	60	100	59	100	14156	100						
Ethnicity African American/Black	0	0	0	0	421	3	0	0	0	0	412	98	0	0	0	0	415	99						
American Indian or Native Alaskan	0	0	0	0	128	1	0	0	0	0	127	99	0	0	0	0	128	100						
Asian or Pacific Islander	0	0	0	0	212	1	0	0	0	0	210	99	0	0	0	0	212	100						
Hispanic	1	2	1	2	181	1	1	100	1	100	177	98	1	100	1	100	178	99						
Caucasian/White	59	98	58	98	13309	93	59	100	58	100	13224	100	59	100	58	100	13223	100						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	6	10	6	10	2468	17	6	100	6	100	2423	99	6	100	6	100	2426	99						
Current LEP	1	2	1	2	341	2	1	100	1	100	330	97	1	100	1	100	338	99						
Economically disadvantaged	36	60	35	59	5780	41	36	100	35	100	5724	99	36	100	35	100	5725	99						
Migrant	0	0	0	0	4	0	0	0	0	0	4	100	0	0	0	0	4	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	35	58	34	58	11369	80	35	58	34	58	11373	80						
Identified disability (PET/IEP)	0	0	0	0	355	3	0	0	0	0	371	3						
LEP	0	0	0	0	167	1	0	0	0	0	170	1						
504 plan	0	0	0	0	172	2	0	0	0	0	175	2						
Participation with accommodations	25	42	25	42	2594	18	25	42	25	42	2605	18						
Identified disability (PET/IEP)	6	24	6	24	1881	73	6	24	6	24	1877	72						
LEP	1	4	1	4	155	6	1	4	1	4	161	6						
504 plan	1	4	1	4	74	3	1	4	1	4	71	3						
Other	17	68	17	68	519	20	17	68	17	68	532	20						
Participation through alternate assessment (PAAP)	0	0	0	0	187	1	0	0	0	0	178	1						
Identified disability (PET/IEP)	0	0	0	0	187	100	0	0	0	0	178	100						
LEP	0	0	0	0	8	4	0	0	0	0	7	4						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	0	0	0	0	26	0	0	0	0	0	25	0						
Non-participation – other	0	0	0	0	75	1	0	0	0	0	70	0						

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 6
SAU: MSAD 04
School: Piscataquis Community Middle S

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 662–680)	2006-2007	1	2	1	2	1132	8
	2007-2008	0	0	0	0	1817	13
	2008-2009	1	2	1	2	1309	9
	Cum. Total*	2	1	2	1	4258	10
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 642–660)	2006-2007	19	37	19	38	8127	57
	2007-2008	33	65	33	65	8072	57
	2008-2009	38	63	37	63	8564	61
	Cum. Total*	90	56	89	56	24763	59
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 630–640)	2006-2007	25	49	24	48	3549	25
	2007-2008	15	29	15	29	3194	23
	2008-2009	15	25	15	25	3291	24
	Cum. Total*	55	34	54	34	10034	24
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 600–628)	2006-2007	6	12	6	12	1478	10
	2007-2008	3	6	3	6	981	7
	2008-2009	6	10	6	10	799	6
	Cum. Total*	15	9	15	9	3258	8

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	31.2	55.7	31.1	55.5	33.8	60.4
A1/A2 Interconnected Elements/Literary Text	20	36	11.2	56.0	11.1	55.5	11.9	59.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	20.0	55.6	20.0	55.6	21.9	60.8

The MEA assesses students’ reading skills based on questions related to three types of reading passages: literary, informational, and persuasive. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 6
 SAU: MSAD 04
 School: Piscataquis Community Middle S

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	60	1	2	38	63	15	25	6	10	644	59	2	63	25	10	644	13963	9	61	24	6	647
Ethnicity																						
African American/Black	0										0						403	5	46	34	15	641
American Indian or Native Alaskan	0										0						125	4	49	38	10	642
Asian or Pacific Islander	0										0						206	18	56	20	6	649
Hispanic	1										1						174	5	55	33	7	644
Caucasian/White	59	0	0	38	64	15	25	6	10	643	58	0	64	26	10	643	13055	9	62	23	5	647
Not Reported	0										0						0					
Identified disability																						
Yes	6	0	0	1	17	3	50	2	33	633	6	0	17	50	33	633	2236	1	30	48	22	637
No	54	1	2	37	69	12	22	4	7	645	53	2	68	23	8	645	11727	11	67	19	3	649
Current LEP																						
Yes	1										1						322	2	39	37	21	638
No	59	0	0	38	64	15	25	6	10	643	58	0	64	26	10	643	13641	10	62	23	5	647
Economically disadvantaged																						
Yes	36	1	3	21	58	8	22	6	17	642	35	3	57	23	17	642	5617	4	54	33	9	643
No	24	0	0	17	71	7	29	0	0	646	24	0	71	29	0	646	8346	13	66	17	3	650
Migrant																						
Yes	0										0						4					
No	60	1	2	38	63	15	25	6	10	644	59	2	63	25	10	644	13959	9	61	24	6	647
Gender																						
Female	33	1	3	23	70	8	24	1	3	646	32	3	69	25	3	646	6743	13	63	20	4	649
Male	27	0	0	15	56	7	26	5	19	641	27	0	56	26	19	641	7220	6	60	27	7	645
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	13	0	0	3	23	7	54	3	23	636	13	0	23	54	23	636	1408	4	41	43	12	641
No	47	1	2	35	74	8	17	3	6	646	46	2	74	17	7	646	12555	10	64	21	5	648
Gifted/talented program																						
Yes	0										0						636	39	59	2	0	659
No	60	1	2	38	63	15	25	6	10	644	59	2	63	25	10	644	13327	8	61	25	6	647

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 6
SAU: MSAD 04
School: Piscataquis Community Middle S

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	7	0	0	3	75	0	0	1	25	646	7	0	75	0	25	646	6	5	47	32	16	642
B. less than one hour	71	0	0	27	64	14	33	1	2	644	71	0	63	34	2	644	59	9	62	24	5	647
C. one to two hours	20	1	8	7	58	1	8	3	25	644	21	8	58	8	25	644	32	11	64	21	4	648
D. more than two hours	2	0	0	1	100	0	0	0	0	654	2	0	100	0	0	654	3	10	50	26	13	644
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	19	0	0	9	82	2	18	0	0	647	19	0	82	18	0	647	31	17	66	14	3	651
B. good	53	1	3	18	58	8	26	4	13	644	54	3	58	26	13	644	48	8	64	23	5	647
C. fair	24	0	0	11	79	2	14	1	7	645	23	0	77	15	8	645	18	2	48	40	10	641
D. poor	3	0	0	0	0	1	50	1	50	626	4	0	0	50	50	626	2	1	34	47	18	638
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	20	1	8	9	75	1	8	1	8	647	19	9	73	9	9	647	38	13	65	18	3	650
B. They match some of what I have learned.	52	0	0	18	58	10	32	3	10	643	53	0	58	32	10	643	49	8	63	24	5	647
C. They match just a little of what I have learned.	20	0	0	7	58	3	25	2	17	643	20	0	58	25	17	643	10	5	48	36	11	642
D. There is no match.	8	0	0	4	80	1	20	0	0	645	8	0	80	20	0	645	3	3	35	38	24	639
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	23	0	0	8	57	5	36	1	7	643	24	0	57	36	7	643	16	7	52	30	11	644
B. about the same as my regular schoolwork	67	0	0	26	65	9	23	5	13	643	68	0	65	23	13	643	66	10	64	22	4	648
C. easier than my regular schoolwork	10	1	17	4	67	1	17	0	0	650	8	20	60	20	0	650	17	11	61	22	5	648
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	5	0	0	2	67	0	0	1	33	643	5	0	67	0	33	643	10	2	39	42	17	639
B. Most of the passages were about the same as what I normally read.	60	1	3	19	54	11	31	4	11	643	60	3	53	32	12	643	55	6	62	27	5	646
C. Most of the passages were easier than what I normally read.	34	0	0	15	75	4	20	1	5	646	35	0	75	20	5	646	35	16	67	14	3	651
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	60	1	3	19	53	10	28	6	17	642	61	3	53	28	17	642	48	10	60	24	6	647
B. I tried about the same as I do on my regular schoolwork.	35	0	0	17	81	4	19	0	0	646	34	0	80	20	0	646	49	10	63	22	5	648
C. I did not try as hard on this test as I do on my regular schoolwork.	5	0	0	2	67	1	33	0	0	643	5	0	67	33	0	643	3	3	53	29	15	642
How much time do you spend reading at home each day?																						
A. more than one hour	32	0	0	16	84	2	11	1	5	647	31	0	83	11	6	647	23	15	65	16	4	650
B. 20 minutes to an hour	31	0	0	8	44	7	39	3	17	641	31	0	44	39	17	641	49	10	64	22	4	648
C. less than 20 minutes	10	1	17	3	50	1	17	1	17	646	10	17	50	17	17	646	11	6	58	29	7	645
D. I rarely read at home.	27	0	0	11	69	4	25	1	6	642	28	0	69	25	6	642	17	2	51	36	11	642
Optional school/SAU question																						
A.	100	0	0	1	100	0	0	0	0	648	100	0	100	0	0	648						
B.	0										0											
C.	0										0											
D.	0										0											

MATHEMATICS RESULTS

Test Date:	March 2009
Grade:	6
SAU:	MSAD 04
School:	Piscataquis Community Middle S

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 662–680)	2006-2007	3	6	3	6	2092	15
	2007-2008	0	0	0	0	1474	10
	2008-2009	0	0	0	0	1807	13
	Cum. Total*	3	2	3	2	5373	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 642–660)	2006-2007	14	27	14	28	5731	40
	2007-2008	23	45	23	45	6008	43
	2008-2009	24	40	24	41	5662	41
	Cum. Total*	61	38	61	38	17401	41
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 628–640)	2006-2007	21	41	21	42	4175	29
	2007-2008	18	35	18	35	4244	30
	2008-2009	20	33	19	32	4219	30
	Cum. Total*	59	36	58	36	12638	30
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 600–626)	2006-2007	13	25	12	24	2308	16
	2007-2008	10	20	10	20	2346	17
	2008-2009	16	27	16	27	2290	16
	Cum. Total*	39	24	38	24	6944	16

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	25.4	45.4	25.5	45.5	30.6	54.6
A. Number	18	32	8.2	45.6	8.2	45.6	10.3	57.2
B. Data	12	21	5.0	41.7	5.0	41.7	6.6	55.0
C. Geometry	14	25	6.8	48.6	6.9	49.3	7.3	52.1
D. Algebra	12	21	5.5	45.8	5.5	45.8	6.5	54.2

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 6
 SAU: MSAD 04
 School: Piscataquis Community Middle S

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	60	0	0	24	40	20	33	16	27	636	59	0	41	32	27	636	13978	13	41	30	16	643
Ethnicity																						
African American/Black	0										0						406	4	26	36	34	633
American Indian or Native Alaskan	0										0						126	4	29	40	28	635
Asian or Pacific Islander	0										0						208	18	47	23	12	647
Hispanic	1										1						175	5	31	41	23	638
Caucasian/White	59	0	0	24	41	19	32	16	27	636	58	0	41	31	28	636	13063	13	41	30	16	643
Not Reported	0										0						0					
Identified disability																						
Yes	6	0	0	0	0	2	33	4	67	619	6	0	0	33	67	619	2248	3	18	33	46	629
No	54	0	0	24	44	18	33	12	22	637	53	0	45	32	23	637	11730	15	45	30	11	646
Current LEP																						
Yes	1										1						331	3	22	35	40	631
No	59	0	0	24	41	19	32	16	27	636	58	0	41	31	28	636	13647	13	41	30	16	643
Economically disadvantaged																						
Yes	36	0	0	10	28	13	36	13	36	632	35	0	29	34	37	632	5620	6	33	37	25	637
No	24	0	0	14	58	7	29	3	13	641	24	0	58	29	13	641	8358	18	45	26	11	647
Migrant																						
Yes	0										0						4					
No	60	0	0	24	40	20	33	16	27	636	59	0	41	32	27	636	13974	13	41	30	16	643
Gender																						
Female	33	0	0	17	52	10	30	6	18	638	32	0	53	28	19	638	6738	12	40	32	16	642
Male	27	0	0	7	26	10	37	10	37	632	27	0	26	37	37	632	7240	14	41	29	16	644
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	13	0	0	0	0	4	31	9	69	622	13	0	0	31	69	622	1410	3	24	41	32	634
No	47	0	0	24	51	16	34	7	15	639	46	0	52	33	15	640	12568	14	42	29	15	644
Gifted/talented program																						
Yes	0										0						637	65	32	3	0	665
No	60	0	0	24	40	20	33	16	27	636	59	0	41	32	27	636	13341	10	41	31	17	642

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
 Grade: 6
 SAU: MSAD 04
 School: Piscataquis Community Middle S

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	7	0	0	2	50	1	25	1	25	644	7	0	50	25	25	644	6	7	32	28	32	636
B. less than one hour	71	0	0	16	38	15	36	11	26	635	71	0	39	34	27	636	59	13	41	30	16	643
C. one to two hours	20	0	0	5	42	4	33	3	25	634	21	0	42	33	25	634	32	14	41	31	14	644
D. more than two hours	2	0	0	1	100	0	0	0	0	648	2	0	100	0	0	648	3	11	31	33	26	639
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	32	0	0	11	58	6	32	2	11	642	32	0	58	32	11	642	30	27	45	18	9	651
B. good	43	0	0	11	42	10	38	5	19	637	42	0	44	36	20	637	46	9	45	31	15	643
C. fair	22	0	0	1	8	4	31	8	62	625	22	0	8	31	62	625	20	2	29	43	26	635
D. poor	3	0	0	1	50	0	0	1	50	629	3	0	50	0	50	629	4	1	15	46	38	630
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	38	0	0	5	22	12	52	6	26	633	37	0	23	50	27	633	35	18	42	27	13	646
B. They match some of what I have learned.	43	0	0	14	54	6	23	6	23	638	44	0	54	23	23	638	50	11	43	31	15	643
C. They match just a little of what I have learned.	12	0	0	3	43	2	29	2	29	634	12	0	43	29	29	634	13	8	31	36	26	638
D. There is no match.	7	0	0	2	50	0	0	2	50	636	7	0	50	0	50	636	3	5	16	27	51	628
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	43	0	0	10	38	8	31	8	31	634	44	0	38	31	31	634	32	7	40	34	20	640
B. about the same as my regular schoolwork	47	0	0	10	36	10	36	8	29	635	46	0	37	33	30	635	56	13	42	30	15	644
C. easier than my regular schoolwork	10	0	0	4	67	2	33	0	0	646	10	0	67	33	0	646	12	31	36	20	13	650
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	47	0	0	11	39	7	25	10	36	634	47	0	39	25	36	634	51	11	41	31	16	643
B. I tried about the same as I do on my regular schoolwork.	50	0	0	12	40	13	43	5	17	637	49	0	41	41	17	637	45	15	41	29	16	644
C. I did not try as hard on this test as I do on my regular schoolwork.	3	0	0	1	50	0	0	1	50	633	3	0	50	0	50	633	4	12	28	32	28	638
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	7	0	0	1	25	1	25	2	50	629	7	0	25	25	50	629	6	8	29	29	34	635
B. 30–45 minutes	72	0	0	17	40	16	37	10	23	635	71	0	40	36	24	636	33	10	37	34	19	641
C. 45–60 minutes	15	0	0	4	44	2	22	3	33	636	15	0	44	22	33	636	45	15	44	29	12	645
D. more than 60 minutes	7	0	0	2	50	1	25	1	25	642	7	0	50	25	25	642	16	15	41	28	16	644
How often do you use calculators in mathematics class?																						
A. almost every day	2	0	0	0	0	0	0	1	100	624	2	0	0	0	100	624	9	14	35	29	22	641
B. two or three days a week	22	0	0	3	23	4	31	6	46	628	22	0	23	31	46	628	26	15	40	30	16	644
C. two or three times each month	35	0	0	5	24	13	62	3	14	636	34	0	25	60	15	637	31	13	43	30	14	644
D. never or almost never	42	0	0	16	64	3	12	6	24	639	42	0	64	12	24	639	34	11	40	31	18	642
How often do you use hands-on materials in mathematics class?																						
A. almost every day	13	0	0	3	38	2	25	3	38	633	14	0	38	25	38	633	17	8	35	33	24	639
B. two or three days a week	23	0	0	1	7	8	57	5	36	629	22	0	8	54	38	629	28	13	42	30	15	643
C. two or three times each month	33	0	0	10	50	6	30	4	20	638	34	0	50	30	20	638	31	15	43	30	13	645
D. never or almost never	30	0	0	10	56	4	22	4	22	639	31	0	56	22	22	639	23	14	39	30	17	643
Optional school/SAU question																						
A.	100	0	0	1	100	0	0	0	0	652	100	0	100	0	0	652						
B.	0										0											
C.	0										0											
D.	0										0											